

WHAT IS CLAIMED IS:

1. A surge arrestor, comprising:
 - a middle electrode;
 - an outer electrode;
 - an electrically conductive spring clip secured to the middle electrode and configured to exert a spring force on the outer electrode;
 - an electrical component part arranged between the spring clip and the outer electrode, the electrical component part being non-conductive at a trigger voltage of the surge arrestor and configured to generate heat given a flow of current;
 - a fusible mass;
 - a spacer element; and
 - an electrically conductive contact element that is secured to the spacer element with the fusible mass and that is spaced from the outer electrode, the spring clip lying against the contact element, and the contact element being pressed against the outer electrode by the spring clip when the fusible mass melts.
2. The surge arrestor according to claim 1, wherein the contact element is integrated of one piece into the spring clip.
3. The surge arrestor according to claim 2, wherein the contact element comprises an inwardly bent section at its end.
4. The surge arrestor according to claim 1, wherein the spacer element is formed as a pin, the contact element comprising a disk that is provided with a hole into which the spacer element projects.
5. The surge arrestor according to claim 4, wherein the hole in the disk comprises an expansion in a direction toward the outer electrode.
6. The surge arrestor according to claim 4, wherein the spring clip comprises a hole through which the spacer element projects when the fusible mass is molten.

7. The surge arrestor according to claim 4, wherein the spacer element comprises a taper at a section lying between the outer electrode and the contact element.

8. The surge arrestor according to claim 4, wherein the electrical component is arranged between the outer electrode and the spacer element.

9. The surge arrestor according to claim 4, wherein the contact element comprises a disk that is provided with a collar extending in a direction toward the outer electrode.

10. The surge arrestor according to claim 9, further comprising a collar shrink hose that covers an outside surface of the collar.

11. The surge arrestor according to claim 1, wherein the fusible mass is solder.

12. The surge arrestor according to claim 1, further comprising an electrical component shrink hose that covers an outside surface of the electrical component.

13. The surge arrestor according to claim 12, further comprising a collar shrink hose that covers an outside surface of the collar.

14. The surge arrestor according to claim 1, wherein the outer electrode comprises a ring at its edge that is composed of an iron-nickel alloy.

15. The surge arrestor according to claim 1, wherein the spring clip is fabricated of a spring steel.

16. The surge arrestor according to claim 1, wherein the component is a varistor or a semiconductor component.